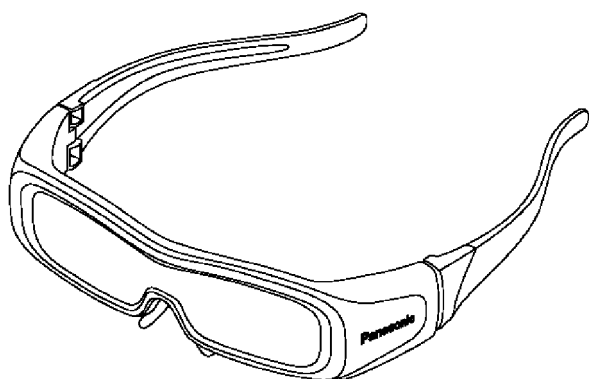


Service Manual

3D Eyewear



Model No. **TY-EW3D2LW**
TY-EW3D2MW
TY-EW3D2SW
TY-EW3D2LU
TY-EW3D2MU
TY-EW3D2SU
TY-EW3D2LE
TY-EW3D2ME
TY-EW3D2SE
TY-EW3D2LC
TY-EW3D2MC
TY-EW3D2SC

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

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1 Specifications

TY-EW3D2LW/MW/SW, TY-EW3D2LU/MU/SU, TY-EW3D2LE/ME/SE, TY-EW3D2LC/MC/SC				
Lens type		Liquid Crystal Shutter		
Usage temperature range		32°F - 104°F (0 °C - 40 °C)		
Charging power supply		DC 5 V (supplied by USB terminal of a Panasonic TV)		
Battery		Lithium-ion polymer rechargeable battery DC 3.7 V, 70 mAh Operation time*1: Approx. 30 hours Charging time*1: Approx. 2 hours		
Viewing range*2		Transmitter for 3D Eyewear Within 10'5" (3.2 m) from front surface (Within ± 35° horizontal, ± 20° vertical)		
Materials		Main body: Resin Lens section: Liquid crystal glass		
Dimensions (not including nose pad part)	Models	TY-EW3D2LW TY-EW3D2LU TY-EW3D2LE TY-EW3D2LC	TY-EW3D2MW TY-EW3D2MU TY-EW3D2ME TY-EW3D2MC	TY-EW3D2SW TY-EW3D2SU TY-EW3D2SE TY-EW3D2SC
	Width	6.89" (175 mm)	6.70" (170.1 mm)	6.49" (164.7 mm)
	Height	1.67" (42.2 mm)	1.63" (41.2 mm)	1.59" (40.2 mm)
	Overall length	6.67" (169.3 mm)	6.69" (169.8 mm)	6.75" (171.2 mm)
Mass		Approx. 39 g [LW,LC] Approx. 40 g (Approx. 0.09 lb.) [LU,LE]	Approx. 38 g [MW,MC] Approx. 39 g (Approx. 0.09 lb.) [MU,ME]	Approx. 38 g [SW,SC] Approx. 39 g (Approx. 0.09 lb.) [SU,SE]

*1 Operation time/charging time

- The battery deteriorates after repeated use, and the operation time eventually becomes short. The figures above are at shipping from the factory, and are not a guarantee of performance.

*2 Viewing range

- The location of the 3D Eyewear transmitter differs depending on the model of television.
- There are differences in the viewing range of the 3D Eyewear among individuals.
- The 3D Eyewear may not operate correctly at the outside of the viewing range.

Information on Disposal in other Countries outside the European Union



This symbol is only valid in the European Union.
If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

Environment care information for users in China

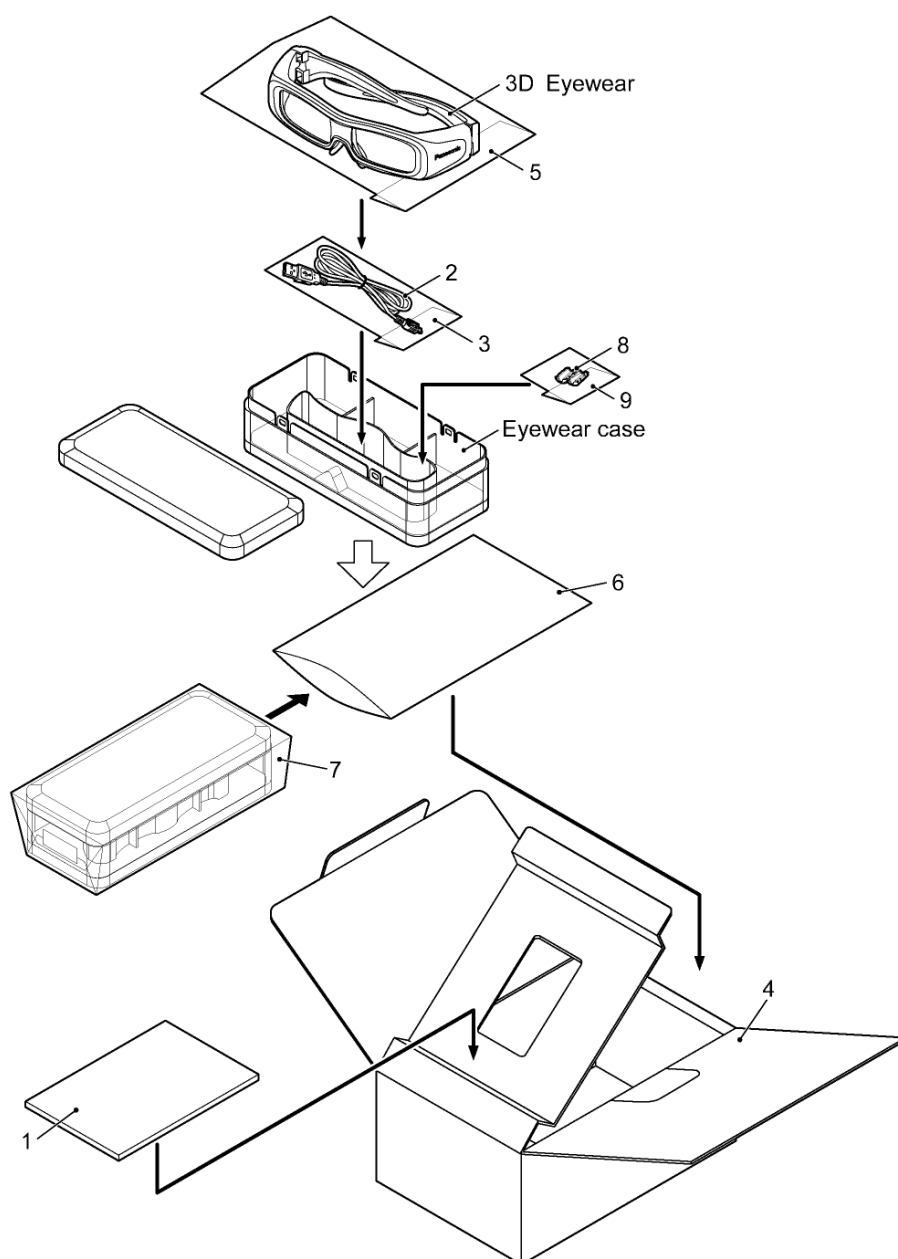


This symbol is only valid in China.

2 Exploded View and Replacement Parts List

Please click the radio button for “Diagrams II / Parts List” on the menu bar.

Model No. : TY-EW3D2LW/MW/SW, TY-EW3D2LU/MU/SU, TY-EW3D2LE/ME/SE, TY-EW3D2LC/MC/SC Development View1



Model No. : TY-EW3D2LW/MW/SW, TY-EW3D2LU/MU/SU, TY-EW3D2LE/ME/SE, TY-EW3D2LC/MC/SC Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	1	TQZJ322	INSTRUCTION BOOK	1	TY-EW3D2LW/MW/SW
	1	TQZJ320	INSTRUCTION BOOK	1	TY-EW3D2LU/MU/SU
	1	TQZJ321	INSTRUCTION BOOK	1	TY-EW3D2LE/ME/SE
	1	TQZJ323	INSTRUCTION BOOK	1	TY-EW3D2LC/MC/SC
	2	K2KYYYY00098	CHARGE CABLE	1	
	3	TQEF132	POLY BAG (CHARGE CABLE)	1	TY-EW3D2LW/MW/SW, TY-EW3D2LU/MU/SU, TY-EW3D2LE/ME/SE
	3	TQEF133	POLY BAG (CHARGE CABLE)	1	TY-EW3D2LC/MC/SC
	4	TPCC85101	CARTON BOX	1	TY-EW3D2LW
	4	TPCC85001	CARTON BOX	1	TY-EW3D2MW
	4	TPCC84901	CARTON BOX	1	TY-EW3D2SW
	4	TPCC84501	CARTON BOX	1	TY-EW3D2LU
	4	TPCC84401	CARTON BOX	1	TY-EW3D2MU
	4	TPCC84301	CARTON BOX	1	TY-EW3D2SU
	4	TPCC84801	CARTON BOX	1	TY-EW3D2LE
	4	TPCC84701	CARTON BOX	1	TY-EW3D2ME
	4	TPCC84601	CARTON BOX	1	TY-EW3D2SE
	4	TPCC85401	CARTON BOX	1	TY-EW3D2LC
	4	TPCC85301	CARTON BOX	1	TY-EW3D2MC
	4	TPCC85201	CARTON BOX	1	TY-EW3D2SC
	5	TQEF130	POLY BAG (3D EYEWEAR)	1	TY-EW3D2LW/MW/SW, TY-EW3D2LU/MU/SU, TY-EW3D2LE/ME/SE
	5	TQEF131	POLY BAG (3D EYEWEAR)	1	TY-EW3D2LC/MC/SC
	6	TQEF134	POLY BAG (EYEWEAR CASE)	1	TY-EW3D2LW/MW/SW, TY-EW3D2LU/MU/SU, TY-EW3D2LE/ME/SE
	6	TQEF135	POLY BAG (EYEWEAR CASE)	1	TY-EW3D2LC/MC/SC
	7	TPEH541	PROTECTION SHEET	1	TY-EW3D2LW/MW/SW, TY-EW3D2LU/MU/SU, TY-EW3D2LE/ME/SE
	7	TPEH542	PROTECTION SHEET	1	TY-EW3D2LC/MC/SC
	8	J0KG00000156	FERRITE CORE	1	TY-EW3D2LU/MU/SU, TY-EW3D2LE/ME/SE
	9	TQEF136	POLY BAG (FERRITE CORE)	1	TY-EW3D2LU/MU/SU, TY-EW3D2LE/ME/SE